EE5310/EE3002: Analog Circuits Tutorial 6 Due on 16th Nov. 2015

	transistus,			
/\(\(\)	, 6x = 2	00 MA/V2	- V _{Jn} =	. / /
		-		
The	W/L 15	marked.	tp =	ach device.
λn	$=\lambda_p=0$, unles.	s other h	ach device.
Problem 1:		10 V		
		P		
	100 mA 50 k	\	\$ 750K	
		PA B	4	
	Van + 2d	15	Van-	rd .
		1 1	71	
		45	Van=	6 V
		2	ا لرا	6 V a small signal
(i) Deter	mine the	g.wescan	t voltage	s at
	B.	<i>V</i>	0	
		nument	l Voltage	at A & B.
(Iti) Over	what rang	ge can	Vem vary	, while
(III) Over Still k	ecping all	devices	in satu	ration ²













